

CLAIMS

1. A method for conditional displaying of an electronic message comprising at least one display condition for the message in a portable electronic device (1),
characterized by the steps of:
receiving the message from an external device;
determining the geographical position of the portable electronic device;
determining whether the geographical position fulfills a geographical display condition of the message;
and
displaying the message in the portable electronic device if the at least one display condition is fulfilled.
2. The method according to claim 1, wherein the step of determining whether the geographical position fulfills the geographical display condition comprises determining whether the portable electronic device (1) is located within a geographical area specified by the geographical display condition.
3. The method according to claim 1 or 2, wherein the step of determining whether the geographical position fulfills the display condition comprises determining whether the portable electronic device (1) is located within a certain distance specified by the geographical display condition from the location of another electronic device, which has transmitted the message.
4. The method according to any of the claims 1 to 3, further comprising the step of determining whether a time limit of a time display condition for indicating a final display time of the message has lapsed, wherein the step of

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displaying is executed if said time limit has not lapsed when the geographical display condition is fulfilled.

5 5. A method for forming an electronic message in an electronic device (1), comprising the step of entering said message, **characterized** by the steps of

entering a at least one display condition comprising a geographical display condition for conditional displaying of the message;

10 appending said display condition to said message; and entering a receiver address to which the message should be sent.

15 6. The method according to claim 5, wherein the step of entering the display condition comprises the step of entering a geographical area in which the electronic device should be located when the message is displayed in another electronic device (91).

20 7. The method according to claim 5, wherein the step of entering the display condition comprises the step of entering a geographical area in which a portable electronic device (91) to which the message should be forwarded should be located when the message is displayed.

25 8. The method according to claim 5, wherein the step of entering the display condition comprises the step of entering a certain distance with regard to a specific geographical area, within which a portable electronic device (91) to which the message should be forwarded should be located when the message is displayed.

9. A method for forwarding an electronic message from an electronic communication device (1, 70, 80, 90) to a

portable electronic communication device (71, 82, 91),
comprising the steps of

receiving the message from the electronic
communication device;

5 receiving the geographical position of the portable
communication device;

characterized by the steps of

determining whether the geographical position of the
portable communication device fulfills a geographical

10 display condition of the message; and

forwarding the message to the portable communication
device when at least the geographical display condition is
fulfilled.

15 10. The method according to claim 9, wherein the
display condition comprises a time display condition, and
the step of determining further comprises the step of:

determining whether a time limit of a time display
condition has lapsed;

20 the step of forwarding is only executed if said time
limit has not lapsed when said geographical position
fulfills said geographical display condition; and

discarding the message if the geographical position
does not fulfill said geographical display condition within
25 said time limit.

11. The method according to claim 9 or 10, wherein
the display condition requires that the portable
communication device (1, 90) is located within a certain
30 distance specified by the geographical display condition
from the electronic communication device (91).

12. The method according to any the claims 9 to 11 ,
further comprising the step of receiving the geographical
35 position of the electronic communication device (1, 90),

being a portable electronic communication device, from said device itself.

13. A portable electronic device (1) for displaying
5 an electronic message having at least one display condition for conditional displaying of the message, comprising display means (10, 13, 35) for displaying the electronic message, characterized by
receiving means (14, 17, 30) for receiving the
10 message from an external device;
position determination means (31) for determining the geographical position of the portable electronic device (1); and
determining means (32) for determining whether the
15 geographical position fulfills a geographical display condition of the message.

14. The device according to claim 13, further comprising a message interface (34) adapted to display the
20 electronic message if the geographical position fulfills the geographical display condition.

15. The device according to claim 13 or 14, wherein the determining means (32) is adapted to, in operation,
25 determine whether the portable electronic device is within a geographical area specified in the geographical display condition or within a certain distance therefrom.

16. The device according to any of the claims 13 to
30 15, wherein the determining means (32) is adapted to determine, in operation, whether the portable electronic device (91) is located within a certain distance from another electronic device (90), from which the electronic message has been transmitted.

17. The device according to any of the claims 13 to 16, wherein the electronic message is a notification message.

18. The device according to any of the claims 13 to 5 16, wherein the message is an SMS, an EMS, or an MMS message.

19. An electronic communication device (1) for forming an electronic message therein, comprising input 10 means (10) for entering the electronic message and at least one display condition for conditional displaying of the message to be appended to said message, and a message interface (34) for forming the electronic message, characterized in that

15 the message interface is adapted to append to the electronic message a geographical display condition; and the electronic device (1) comprises transmitting means (14, 17, 30) for transmitting the message to an external device.

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20. The device according to claim 19, wherein the message interface (34) is adapted to incorporate into the geographical display condition information with regard to a geographical area, in which the external device should be 25 located when the electronic message is displayed.

21. The device according to claim 19, and wherein the message interface (34) is adapted to incorporate into the geographical display condition information with regard to a 30 certain distance from the electronic communication device (1, 90) within which the external device should be located when the electronic message is displayed.

22. The device according to any of the claims 19 to 35 21, wherein the device is a mobile radio terminal, a pager,

a personal digital assistant, a communicator, a smartphone or an electronic organizer.

23. The device according to any of the claims 19 to
5 21, wherein the device is a mobile telephone (1).

24. A network node being a part of a communication
network for forwarding an electronic message having at
least one display condition for conditional displaying of
10 the message, comprising

receiving means (30) for receiving the electronic
message from a first electronic communication device (70,
80, 90); and

a memory means (53) for temporarily storing the
15 electronic message;

characterized in that

the electronic message comprises a geographical
display condition;

position determining means (51) for determining the
20 geographical position of at least the second communication
device;

determining means (55) adapted to determine whether
the geographical position fulfills the geographical display
condition.

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25. The network node according to claim 24, wherein
the display condition requires that at least the second
electronic communication device (71, 81, 91) is located
within a certain distance of a specific geographical area
30 when the message is forwarded, and the determining means
(55) is adapted to determine whether the second electronic
communication device is located within said geographical
area.

26. The network node according to claim 24, wherein the display condition requires the second electronic communication device (71, 81, 91) to be within a certain distance of the first electronic communication (70, 80, 90) device when the message is forwarded to the second electronic communication device, and the determining means (55) is adapted to determine whether the second electronic communication device is located within said geographical area.

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27. The network node according to any of the claims 24-26, further comprising transmitting means (30) for forwarding the electronic message to a second electronic communication device (71, 81, 91), said transmitting means is adapted to forward the electronic message to the second electronic communication device when at least one display condition is fulfilled.

28. A software program product embodied on a computer readable medium, comprising computer readable instructions for carrying out the method according to any of the claims 1-4 when carried out by a processor (32).

29. A software program product embodied on a computer readable medium, comprising computer readable instructions for carrying out the method according to any of the claims 5-8 when carried out by a processor (54).

30. A software program product embodied on a computer readable medium, comprising computer readable instructions for carrying out the method according to any of the claims 9-12 when carried out by a processor (32).